

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

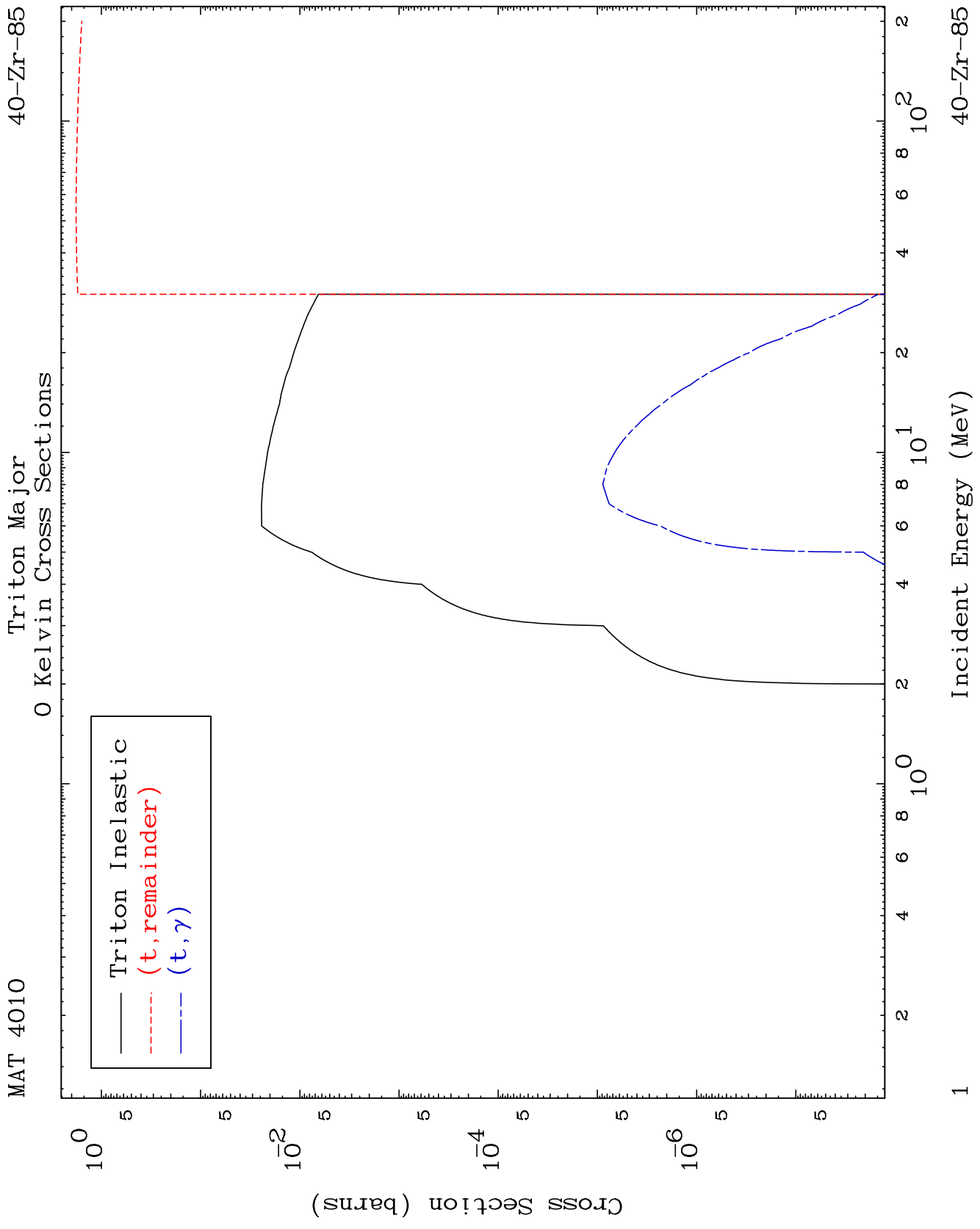
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

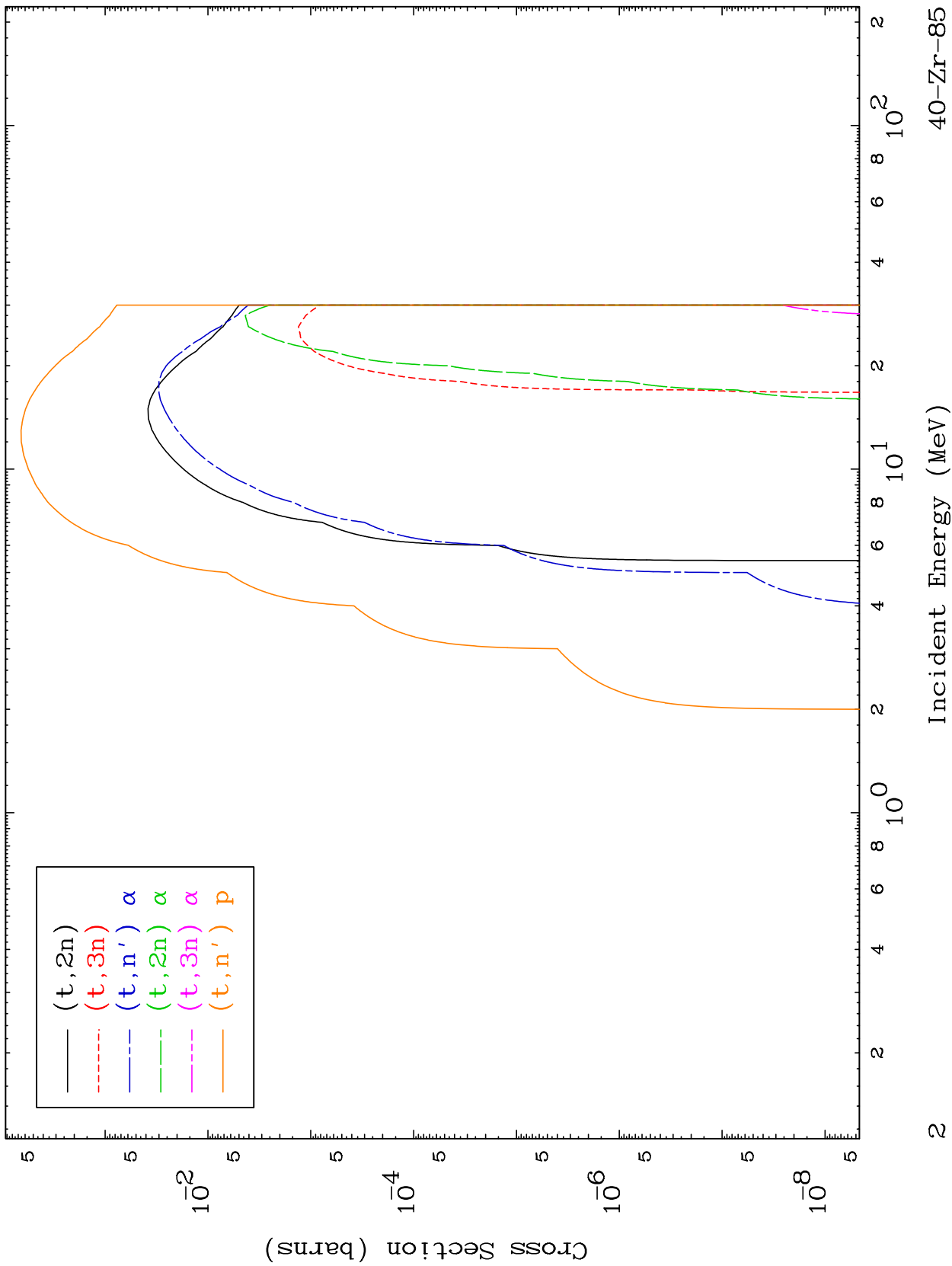
Press Mouse Button to Start



MAT 4010

Triton Neutron Production  
0 Kelvin Cross Sections

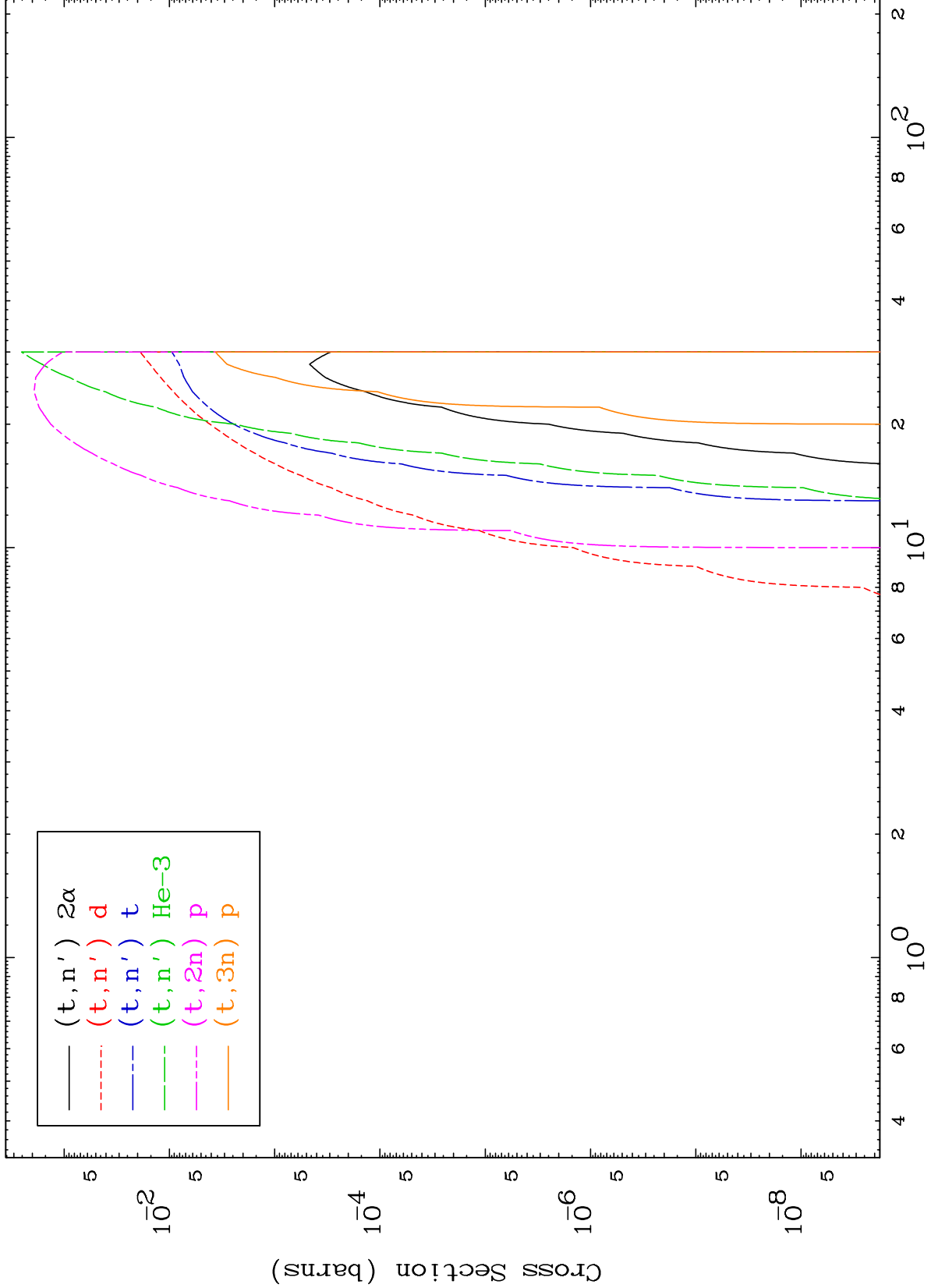
40-Zr-85



MAT 4010

Triton Neutron Production  
0 Kelvin Cross Sections

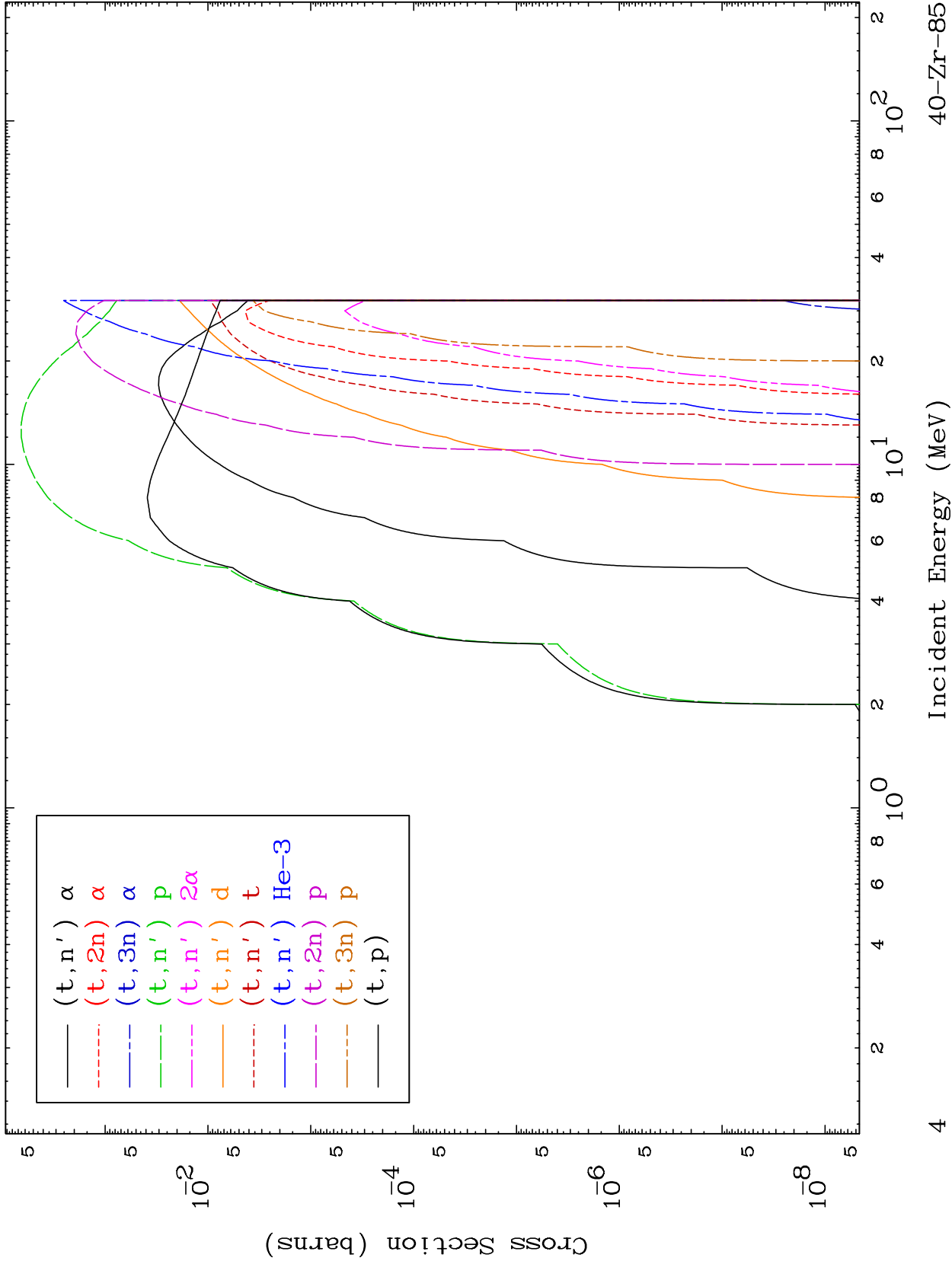
40-Zr-85



MAT 4010

Triton Charged Particle  
0 Kelvin Cross Sections

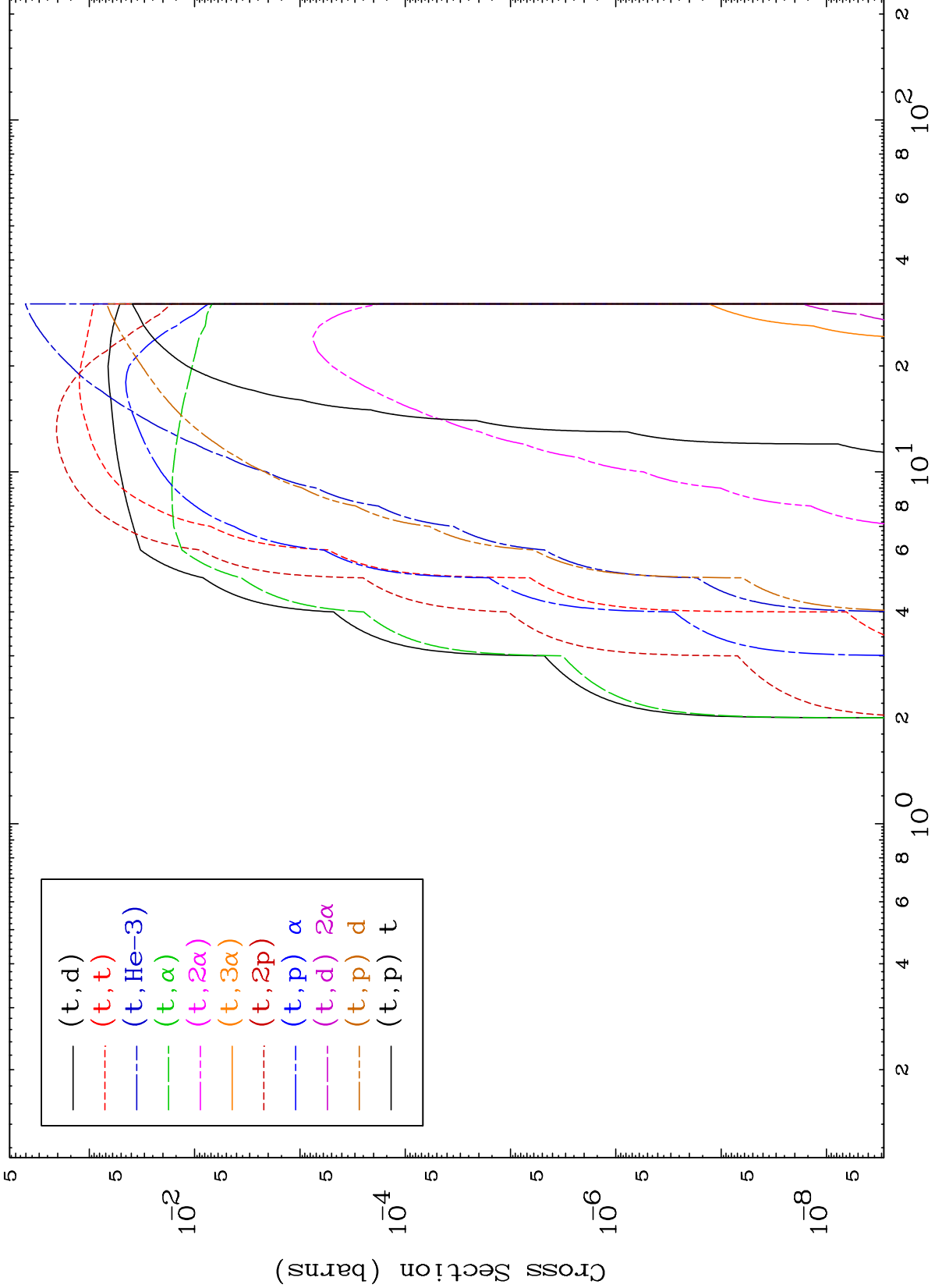
40-Zr-85



MAT 4010

Triton Charged Particle  
0 Kelvin Cross Sections

40-Zr-85



5

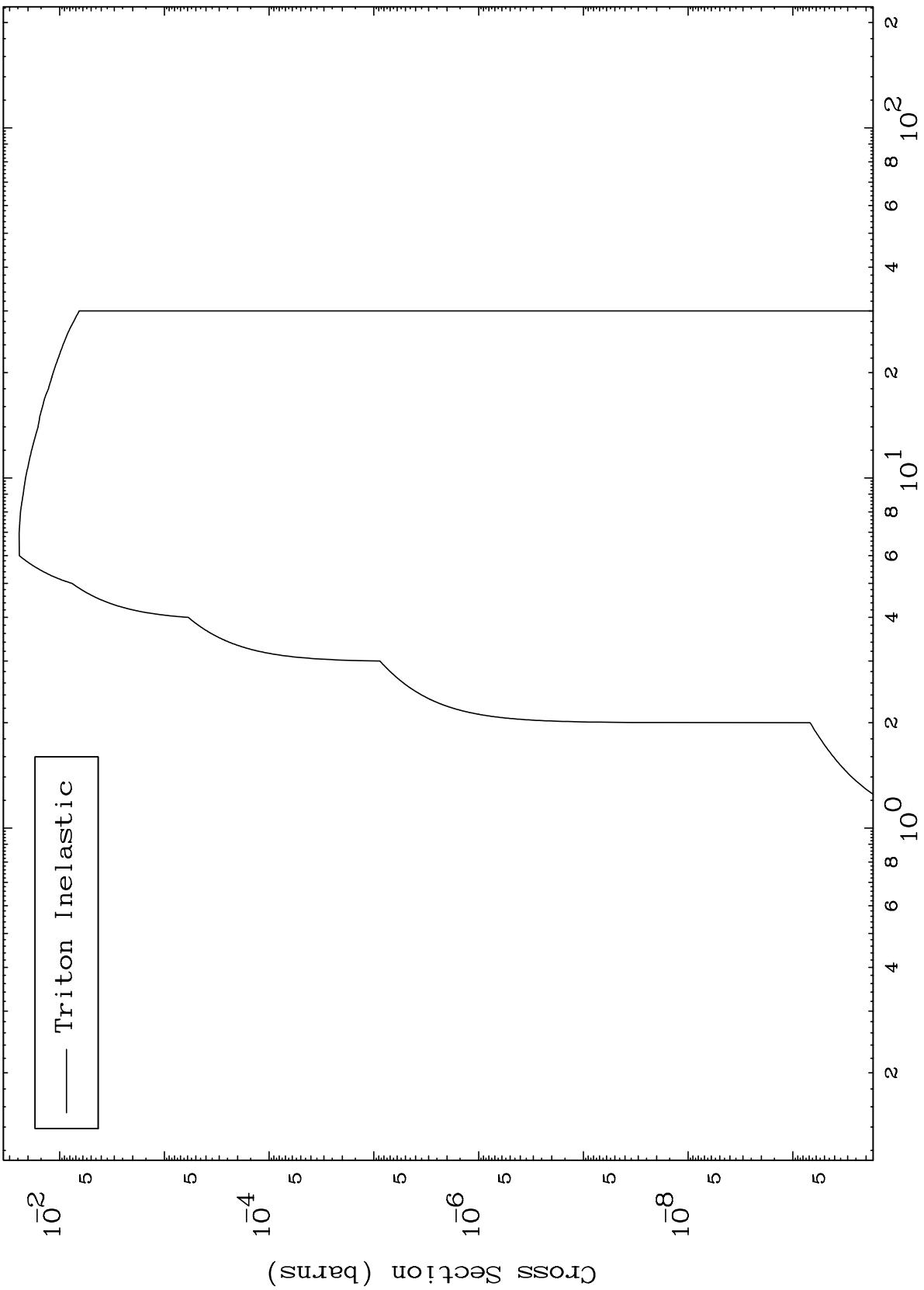
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

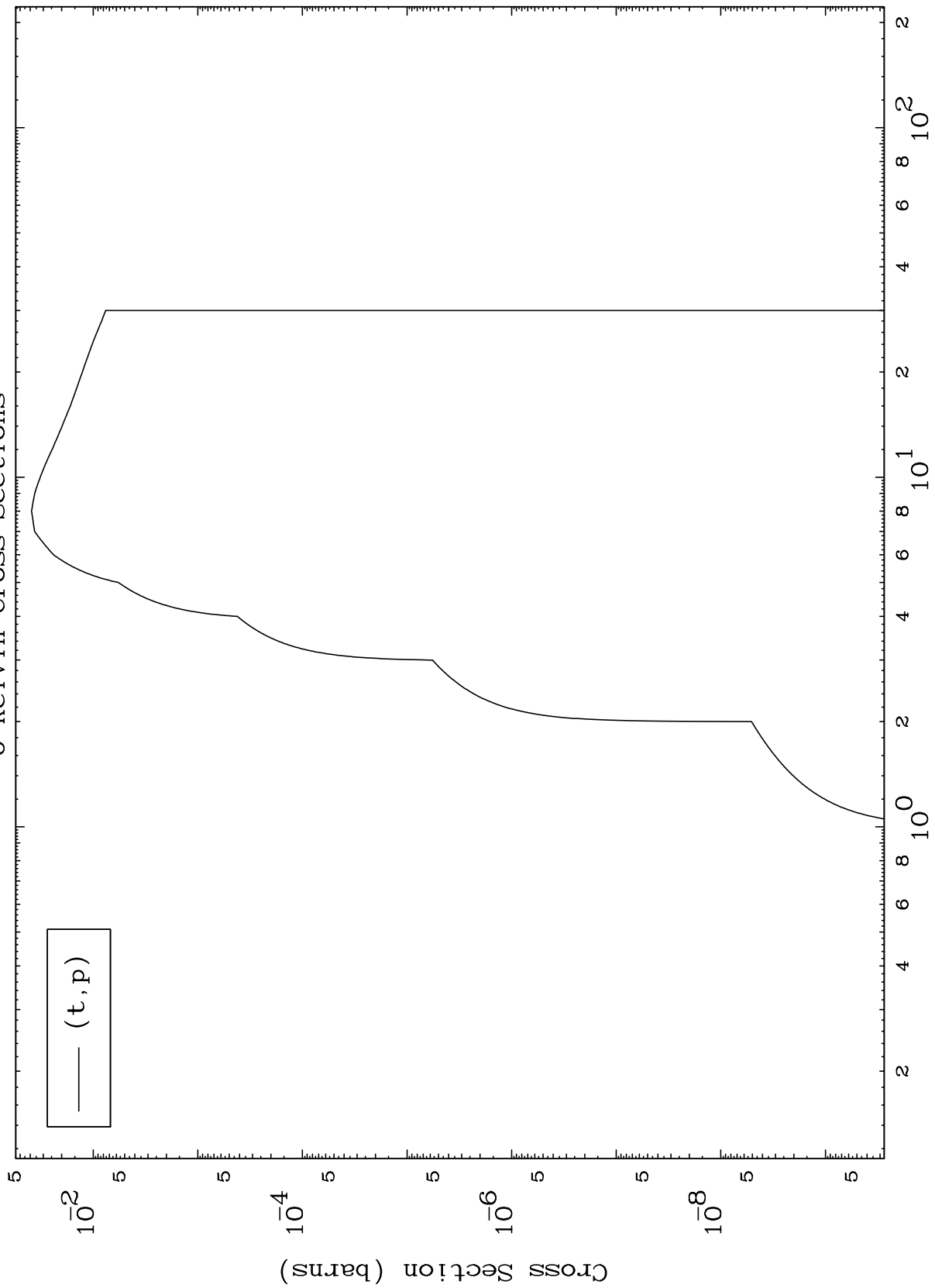
(t, n') Level  
0 Kelvin Cross Sections



MAT 4010

40-Zr-85

(t,p) Levels  
0 Kelvin Cross Sections



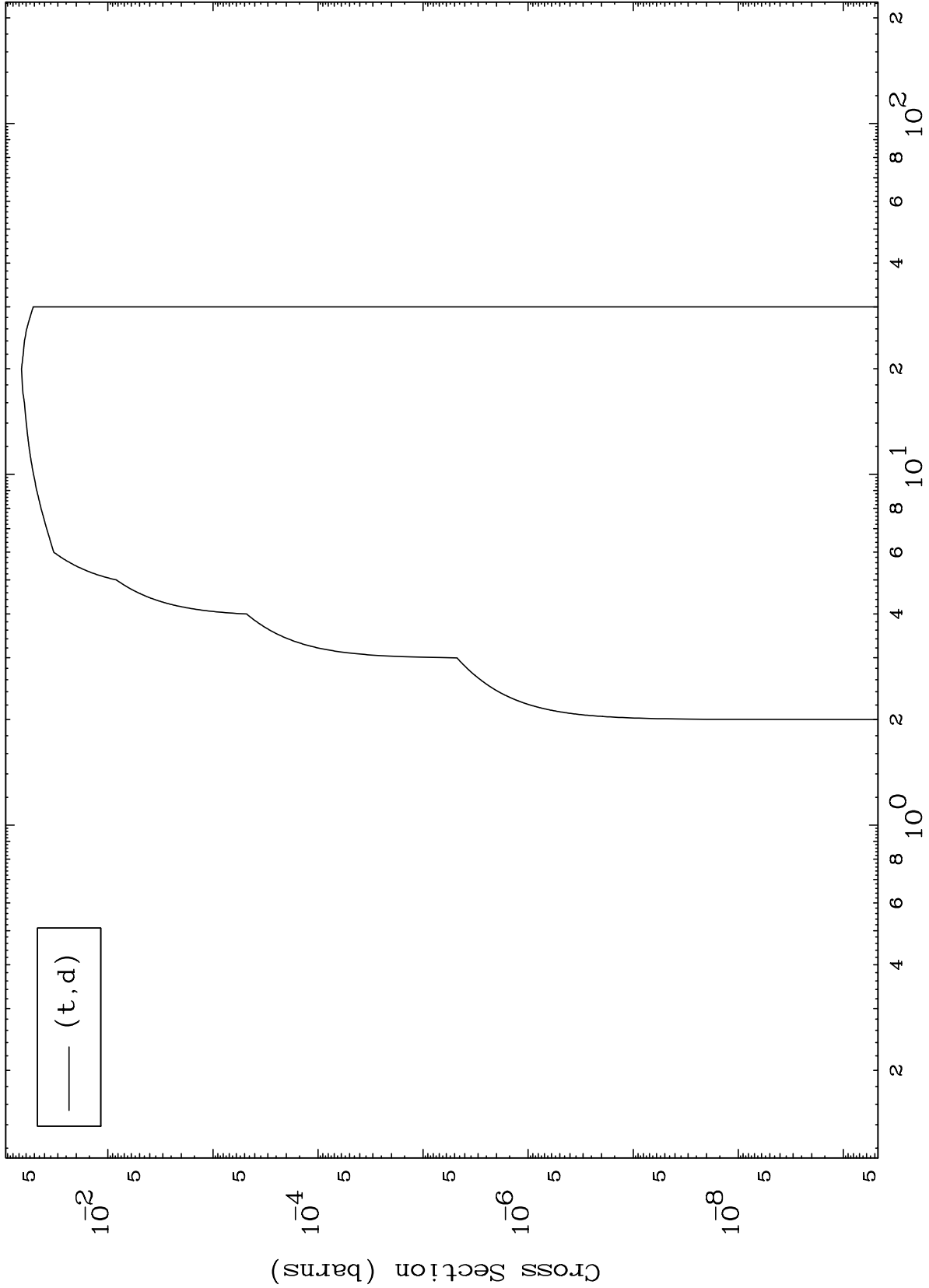


MAT 4010

(t,d) Levels

40-Zr-85

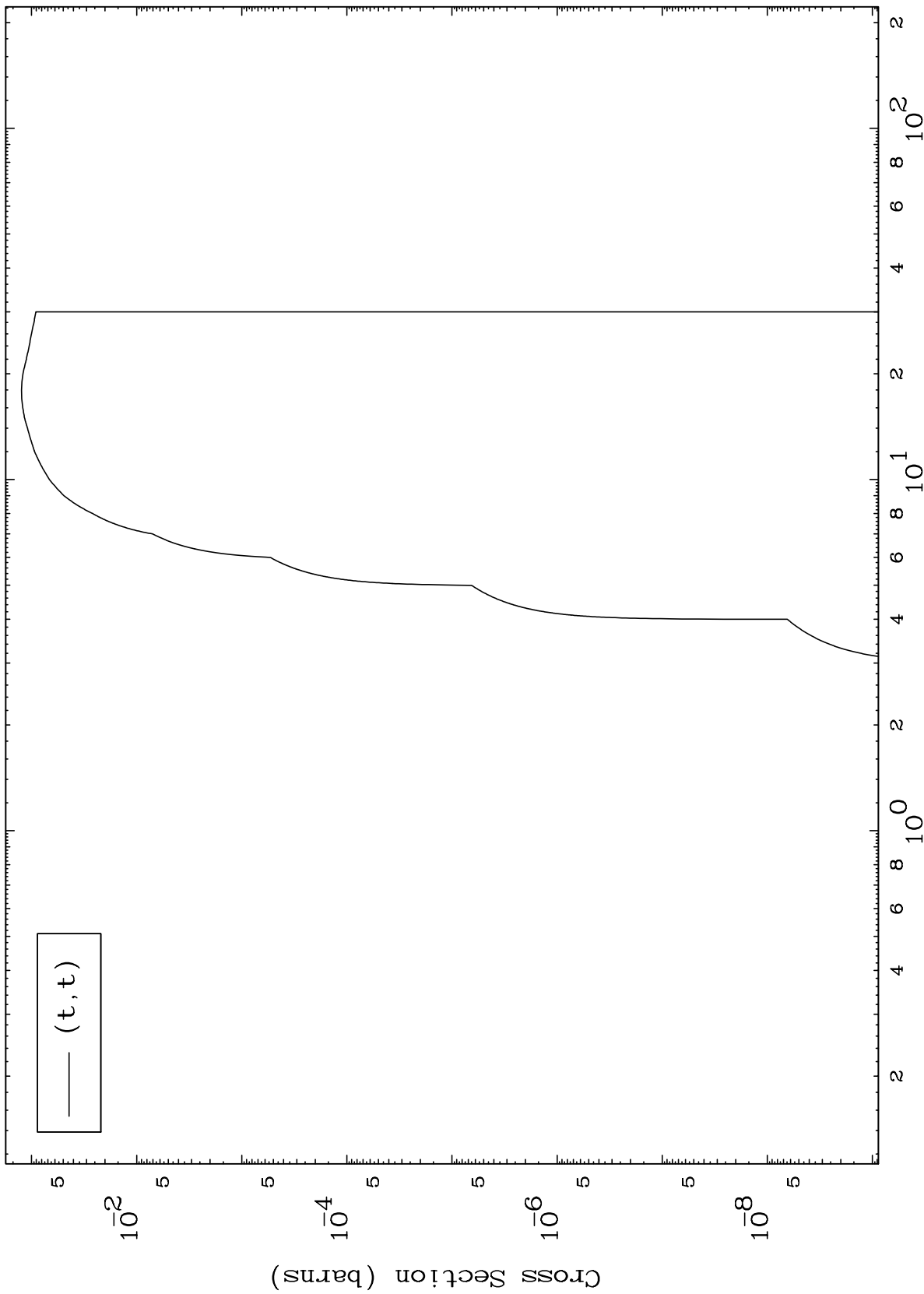
0 Kelvin Cross Sections



MAT 4010

40-Zr-85

(t, t) Levels  
0 Kelvin Cross Sections

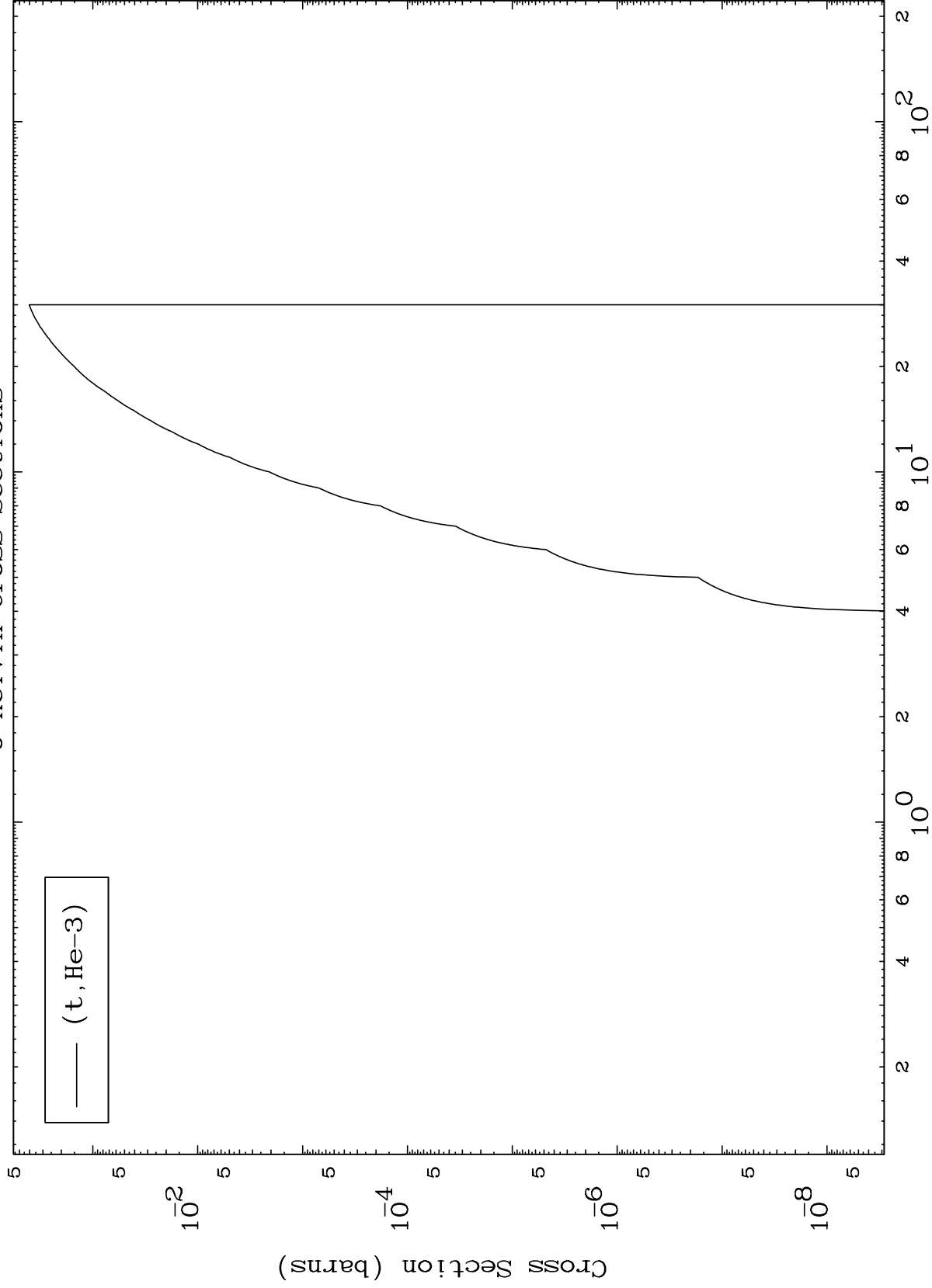


MAT 4010

(t,He3) Levels

40-Zr-85

0 Kelvin Cross Sections



10

Incident Energy (MeV)

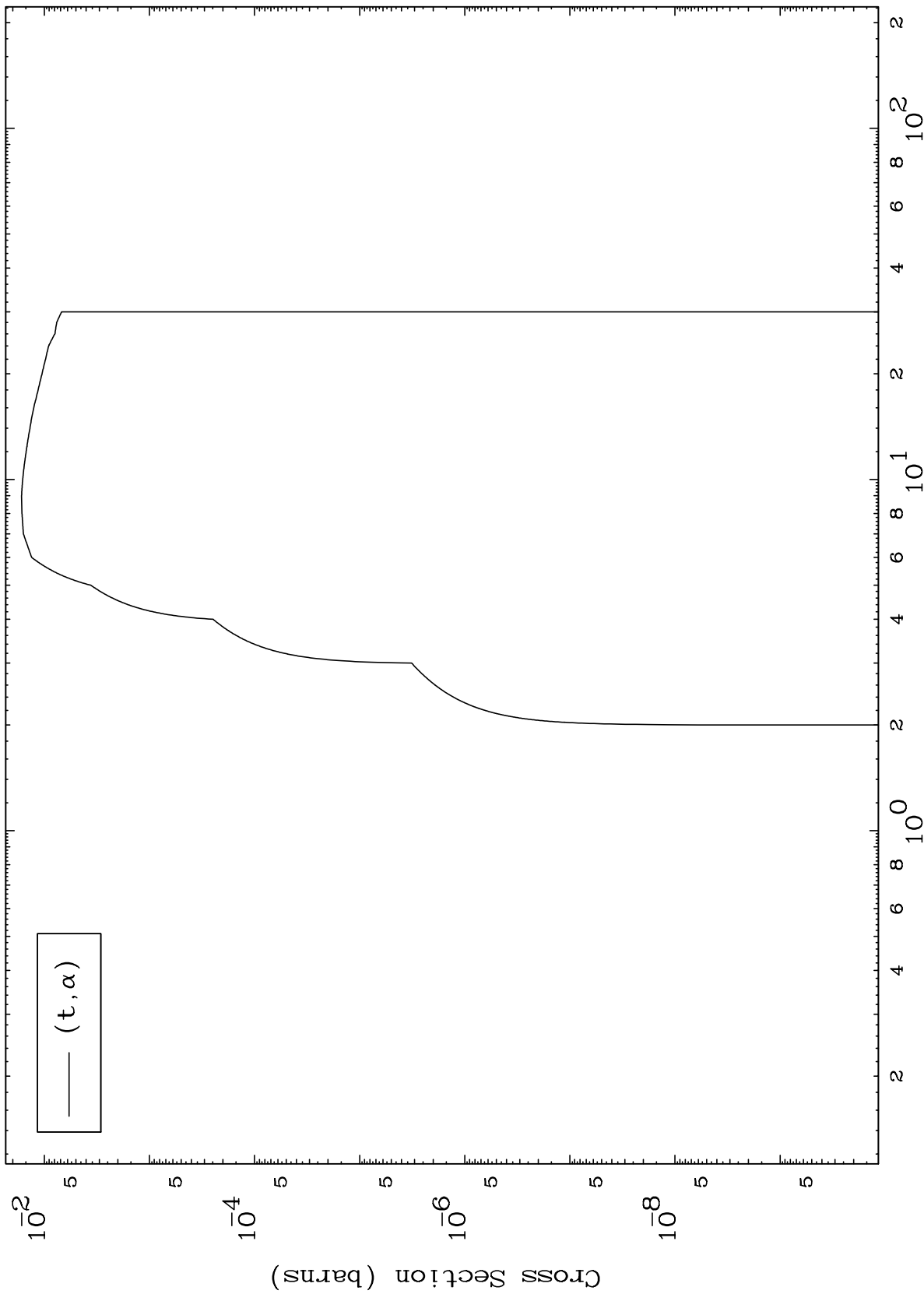
40-Zr-85

MAT 4010

(t,  $\alpha$ ) Levels

40-Zr-85

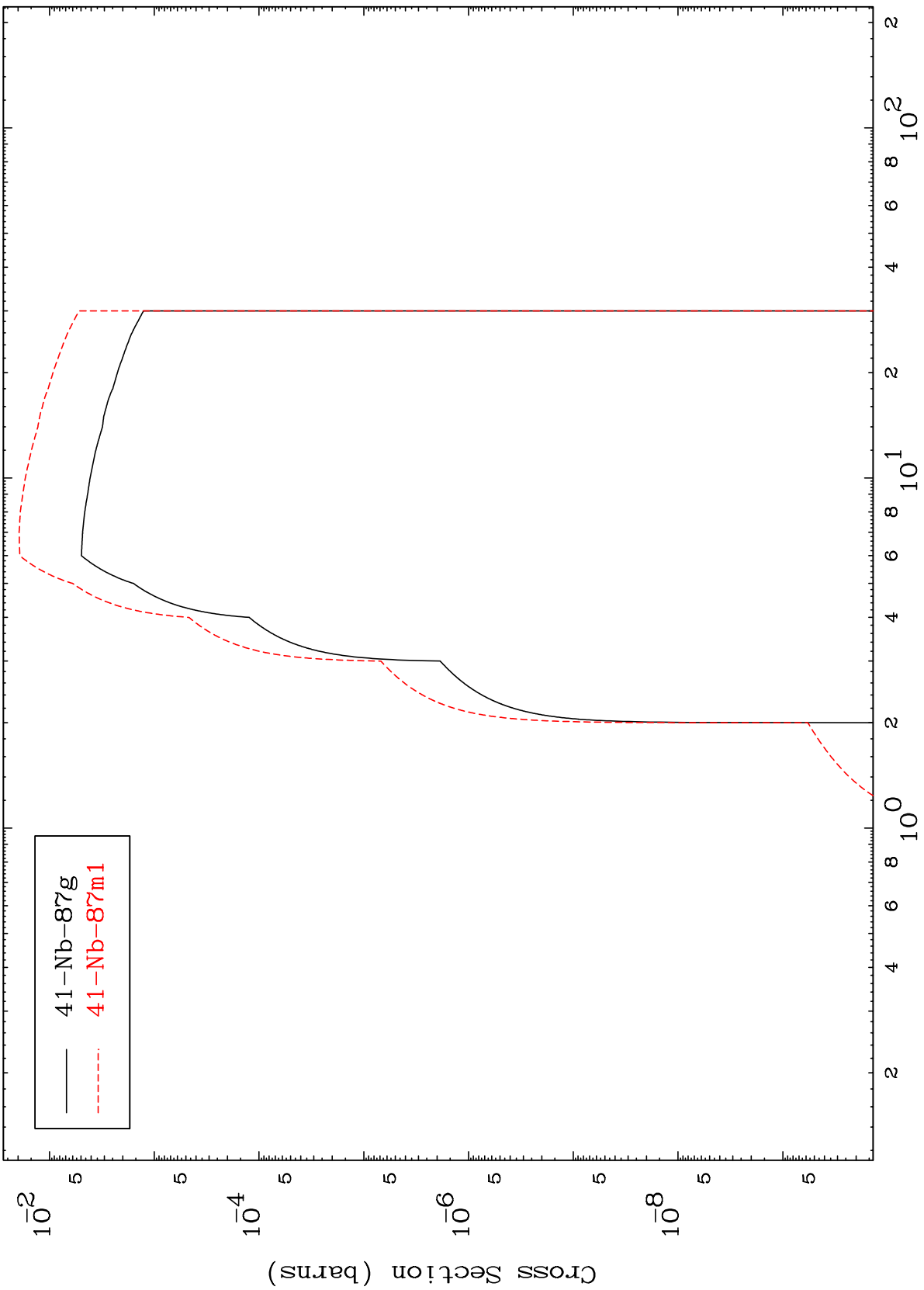
0 Kelvin Cross Sections



MAT 4010

40-Zr-85

Triton Inelastic  
Radionuclide Production Cross Section



— 41-Nb-87g  
- - - 41-Nb-87m1

40-Zr-85

Incident Energy (MeV)

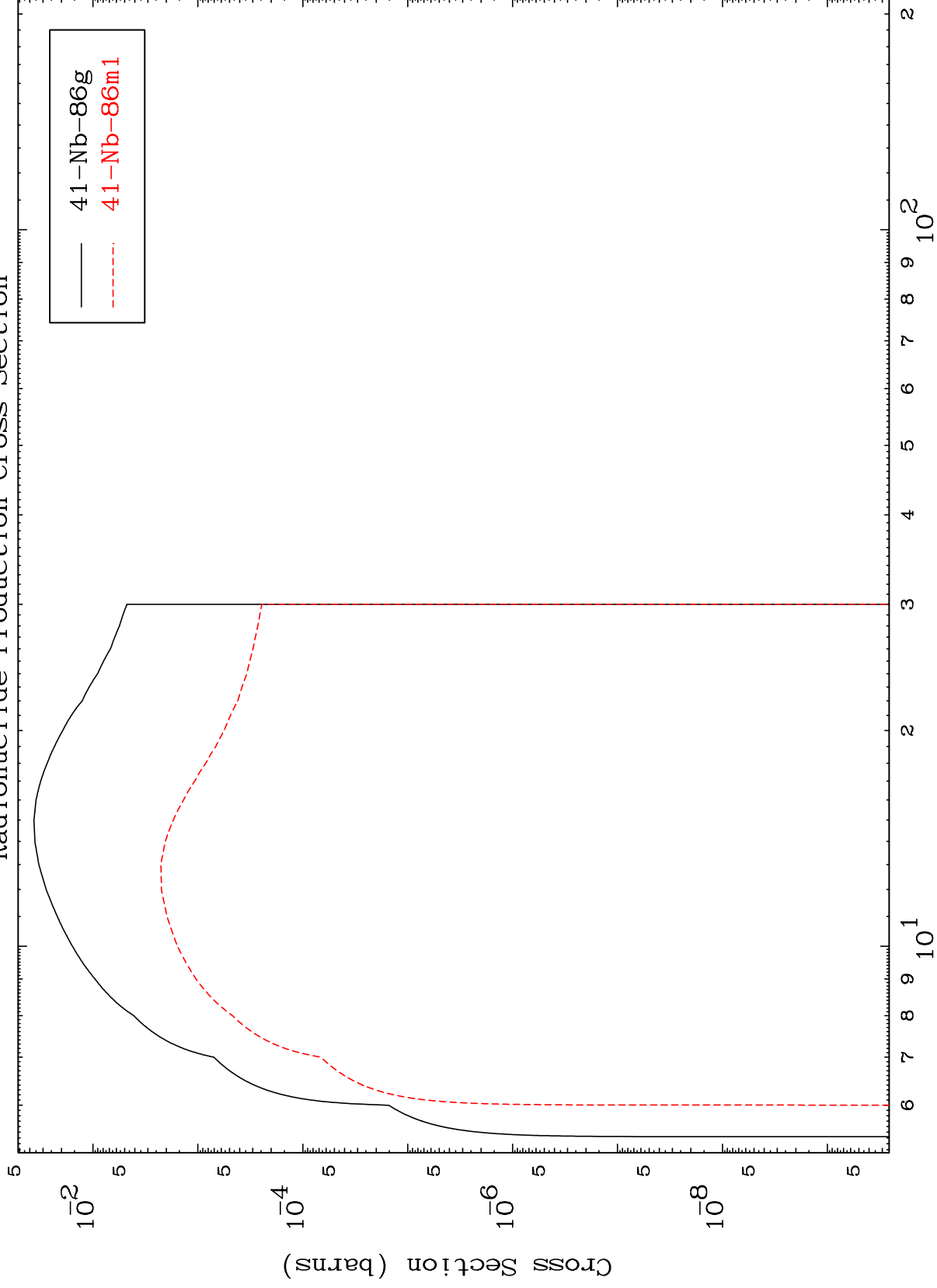
12

MAT 4010

(t,2n)

40-Zr-85

Radionuclide Production Cross Section



Incident Energy (MeV)

40-Zr-85

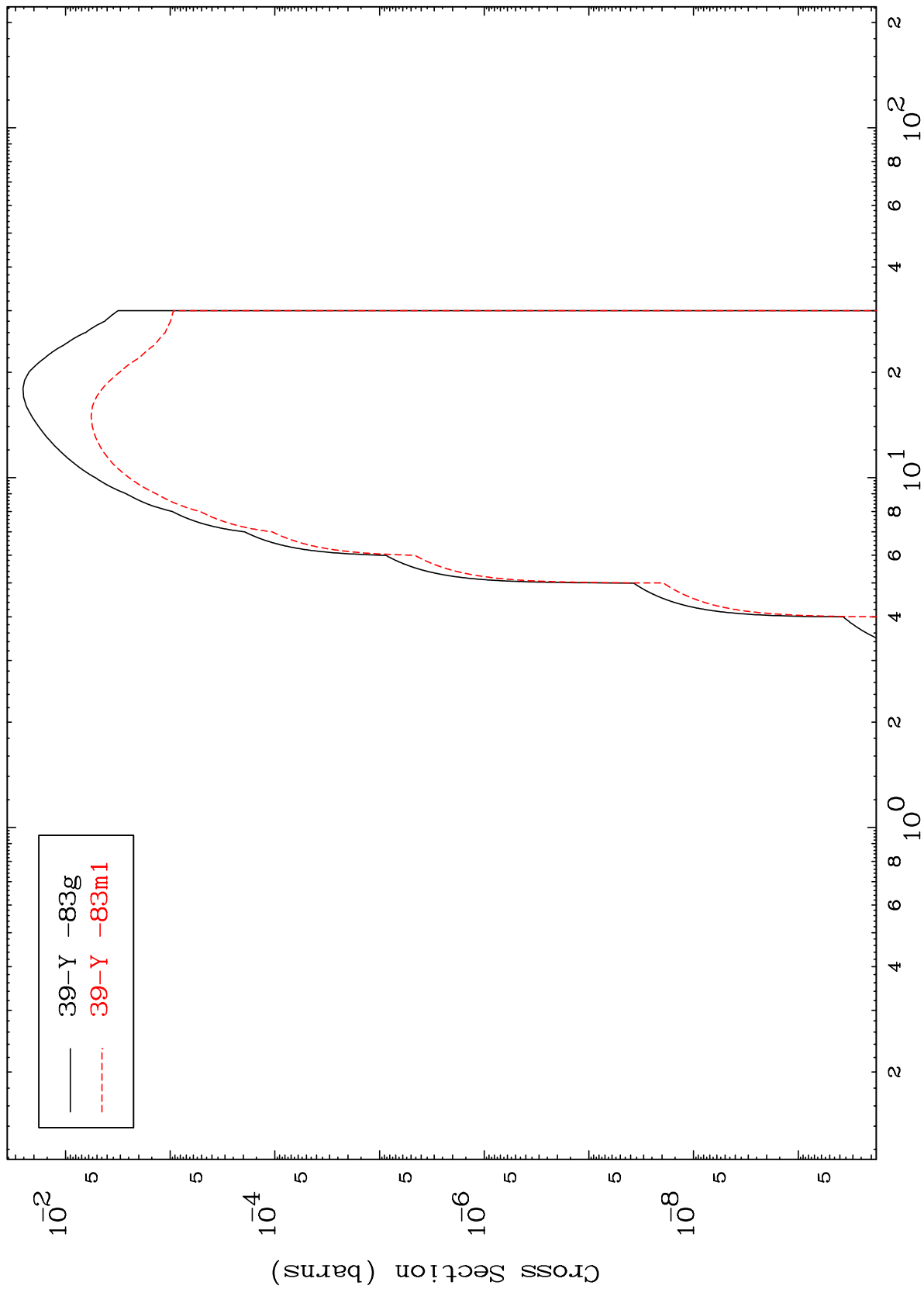
13

MAT 4010

(t,n')  $\alpha$

40-Zr-85

Radionuclide Production Cross Section

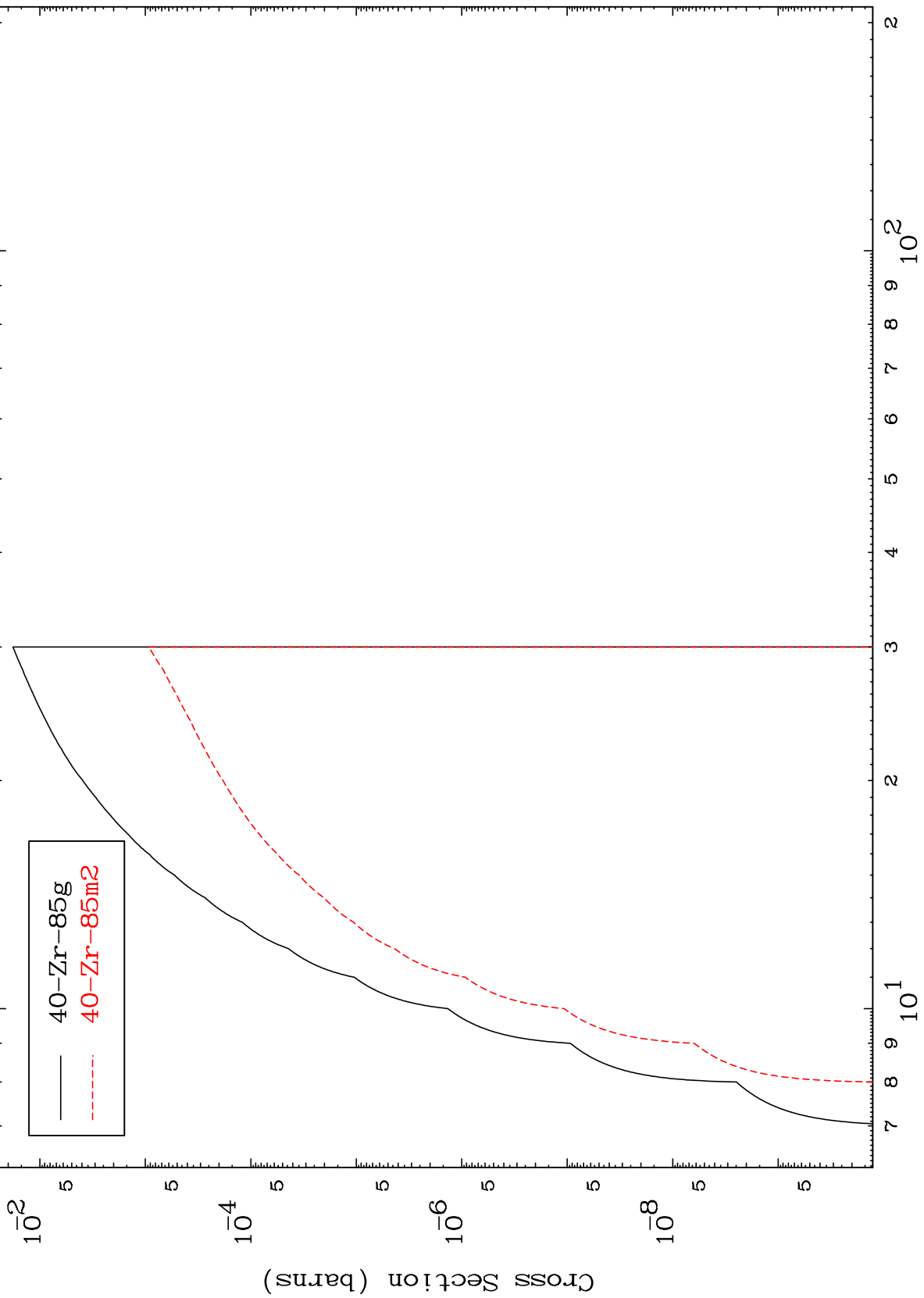


MAT 4010

(t,n') d

40-Zr-85

Radionuclide Production Cross Section



15

Incident Energy (MeV)

40-Zr-85

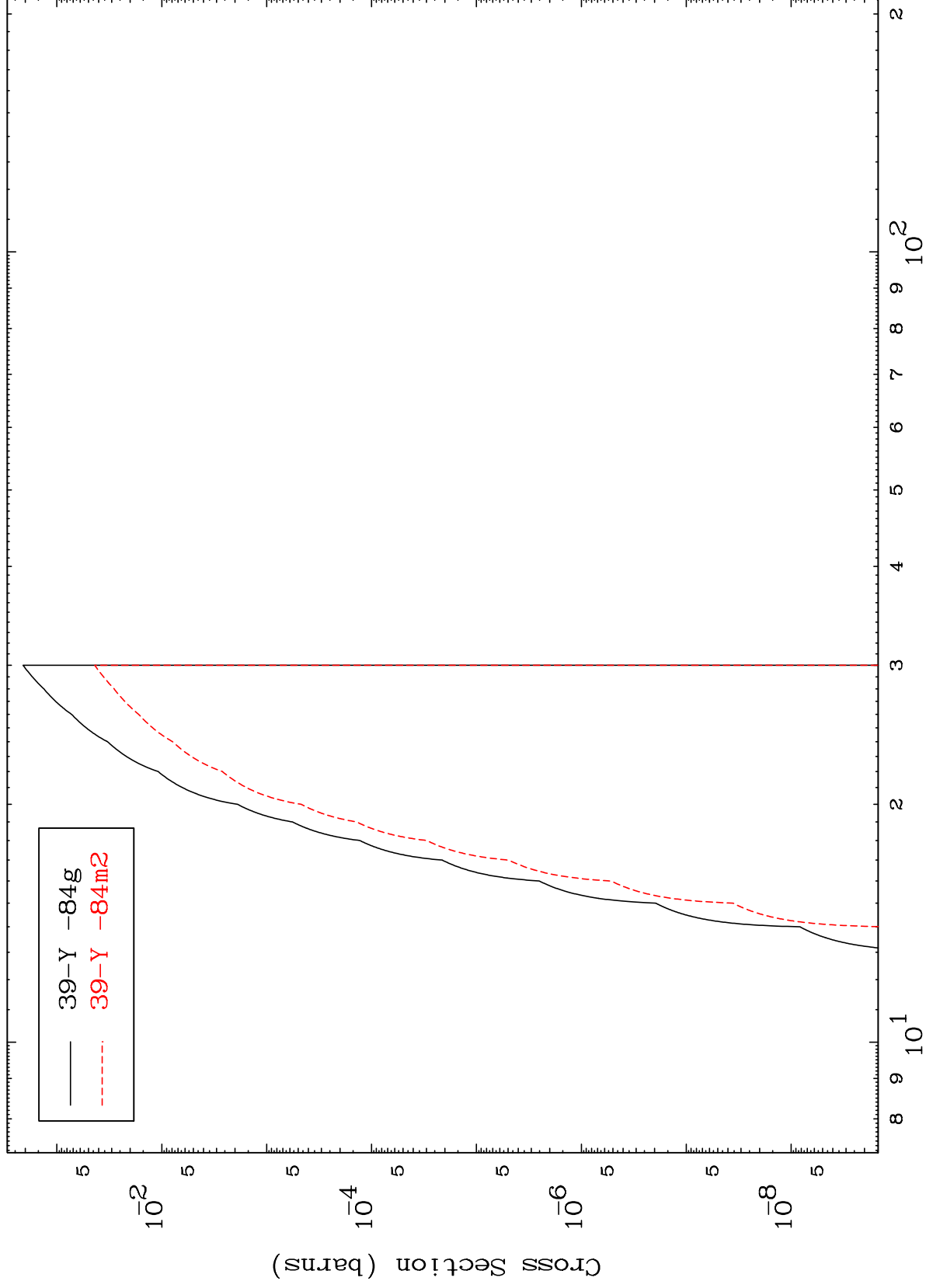


MAT 4010

(t,n') He-3

40-Zr-85

Radionuclide Production Cross Section



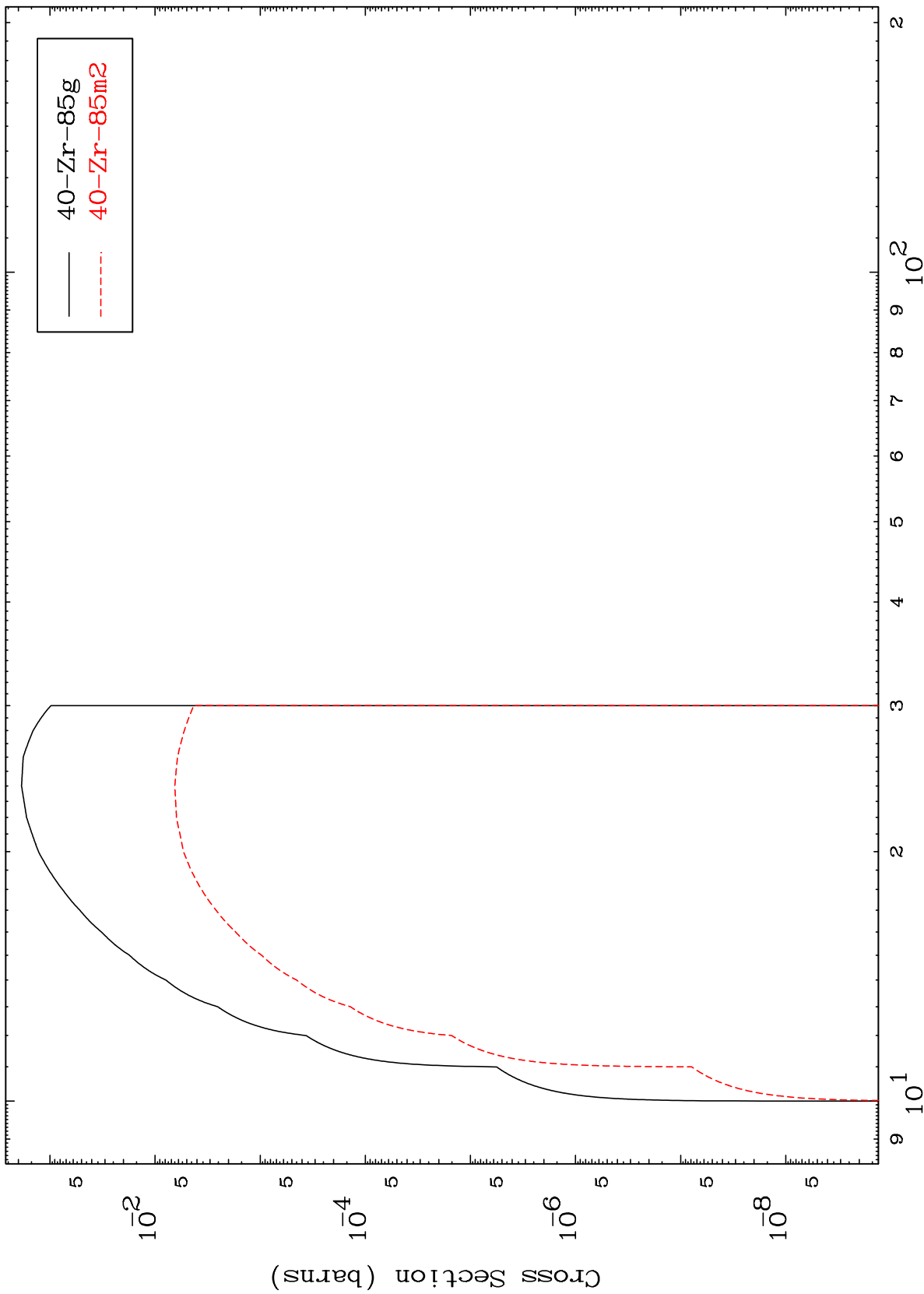
— 39-Y -84g  
- - - 39-Y -84m2

MAT 4010

(t,2n) p

40-Zr-85

Radionuclide Production Cross Section



17

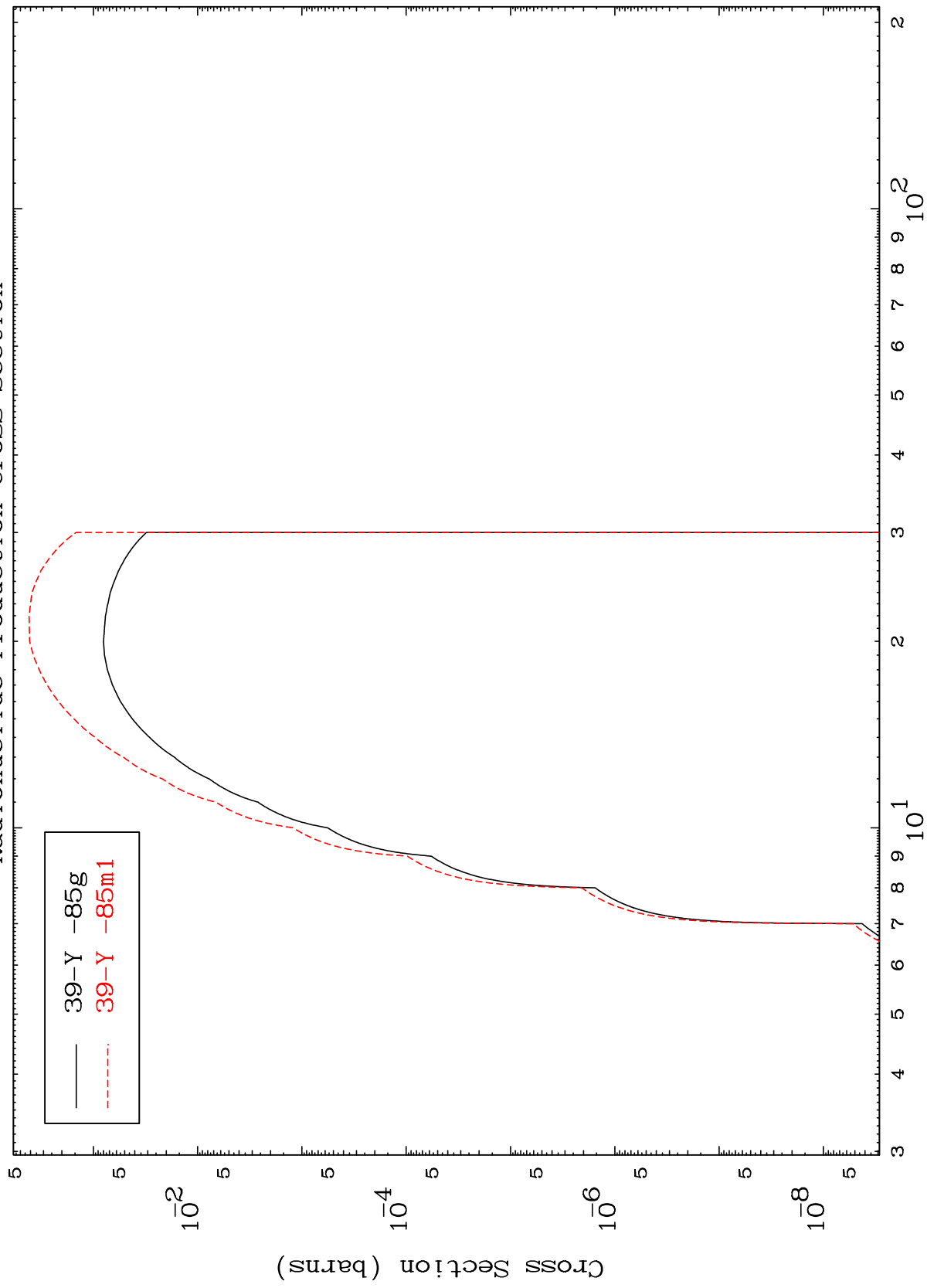
Incident Energy (MeV)

40-Zr-85

MAT 4010

40-Zr-85

(t,2n) p  
Radionuclide Production Cross Section



40-Zr-85

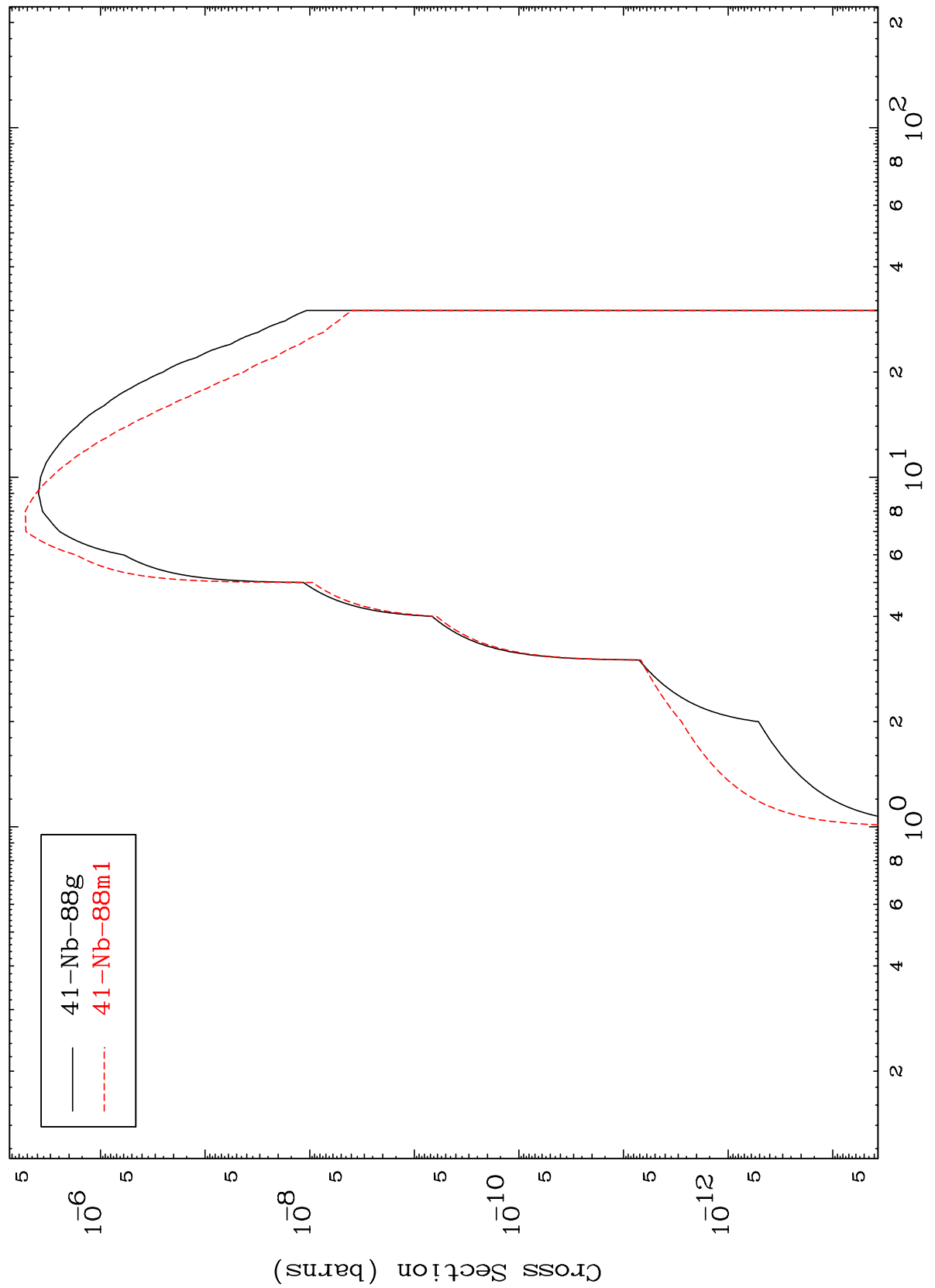
Incident Energy (MeV)

18

MAT 4010

40-Zr-85

(t,  $\gamma$ )  
Radionuclide Production Cross Section



— 41-Nb-88g  
- - - 41-Nb-88m1

40-Zr-85

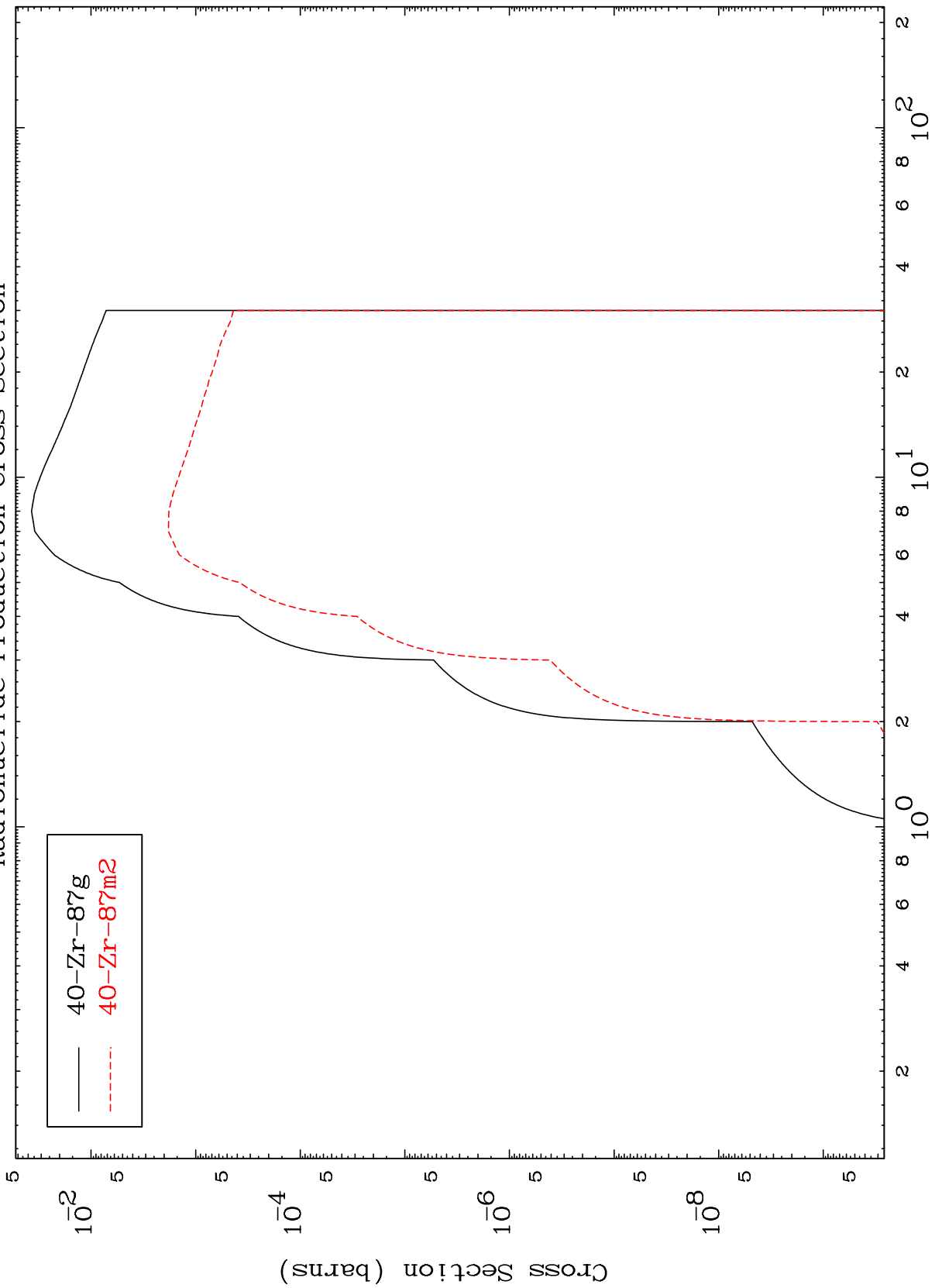
Incident Energy (MeV)

19

MAT 4010

40-Zr-85

(t,p)  
Radionuclide Production Cross Section



40-Zr-85

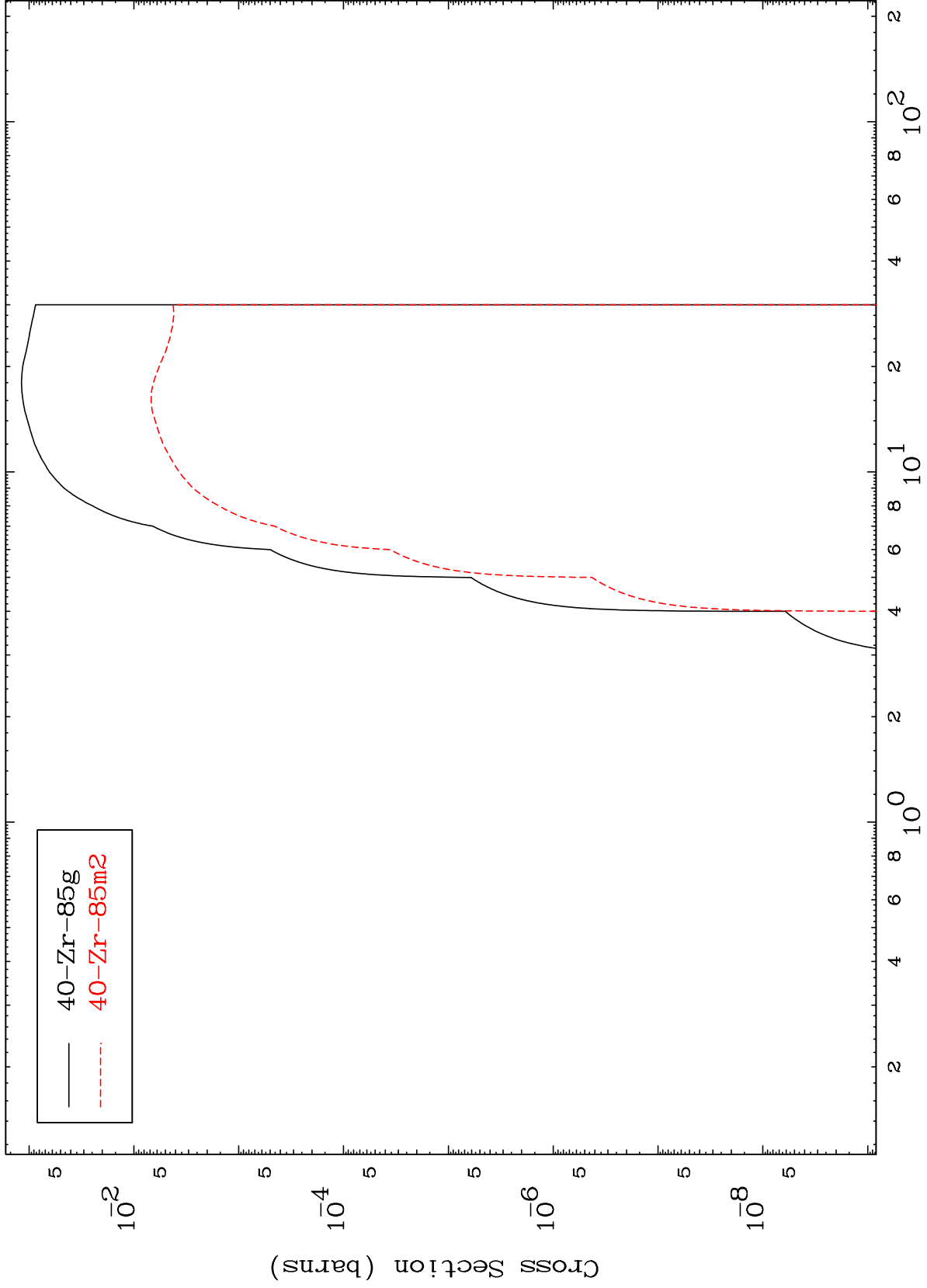
Incident Energy (MeV)

20

MAT 4010

(t, t)  
Radionuclide Production Cross Section

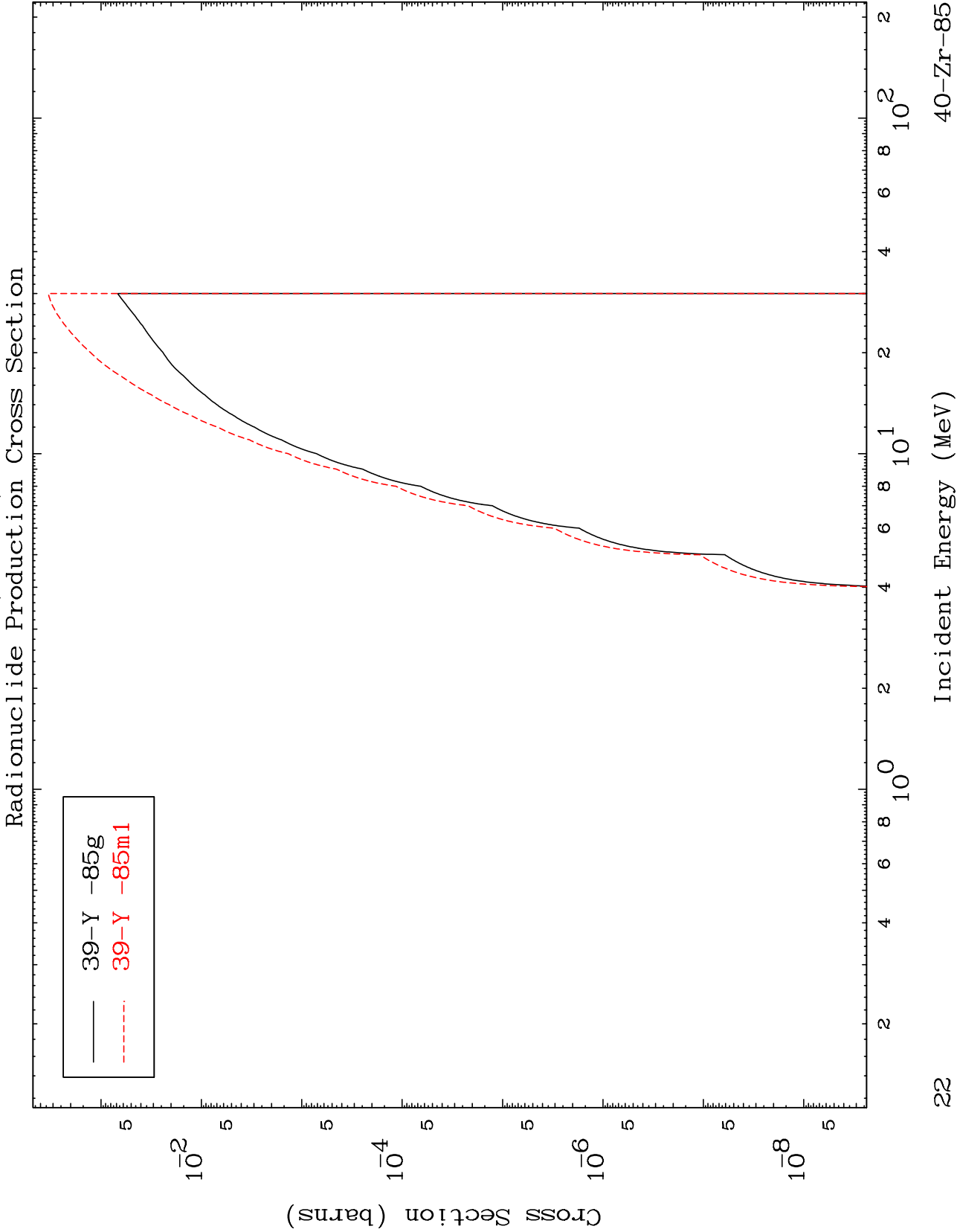
40-Zr-85



MAT 4010

(t,He-3)

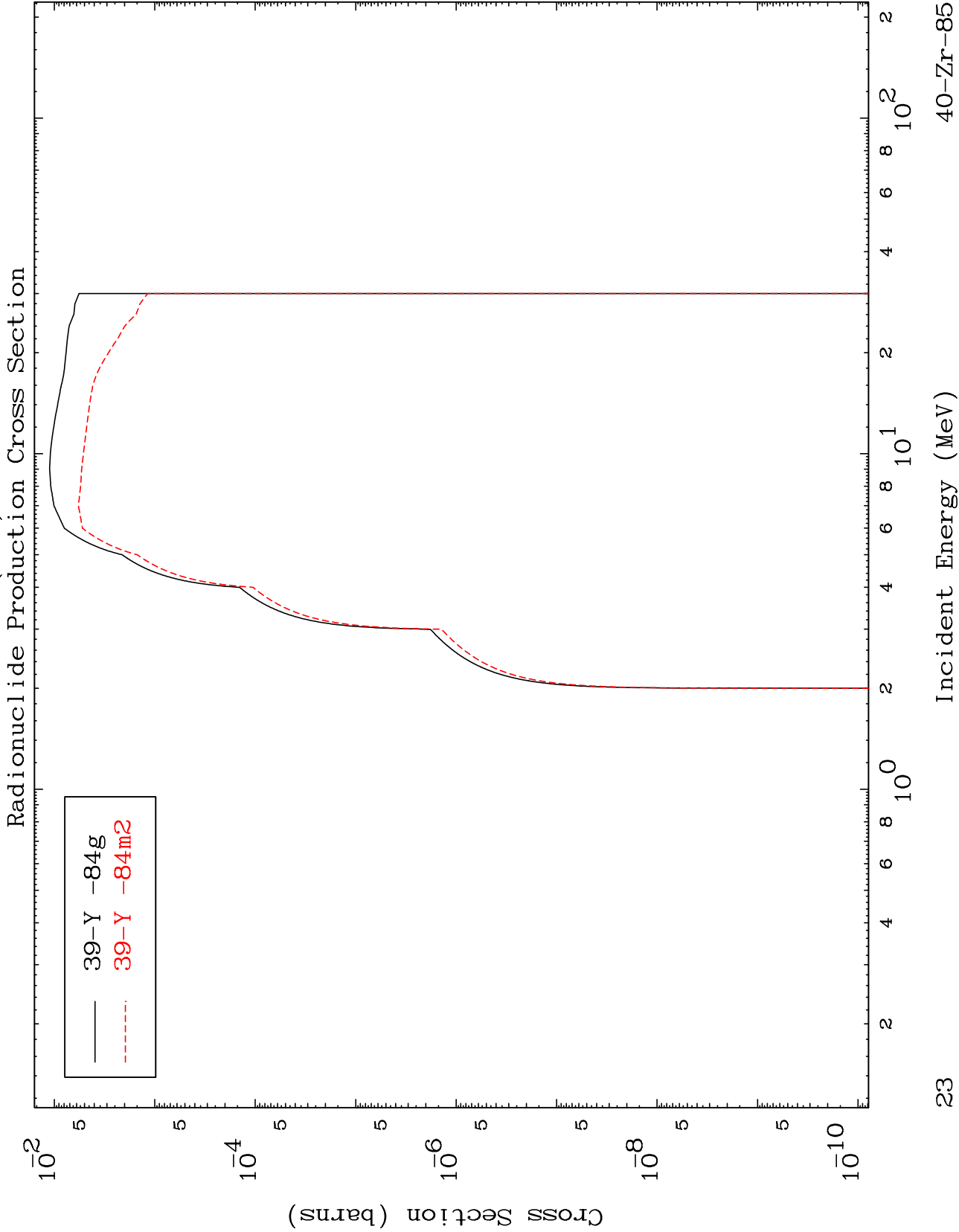
40-Zr-85



39-Y -85g  
39-Y -85m1

MAT 4010

40-Zr-85



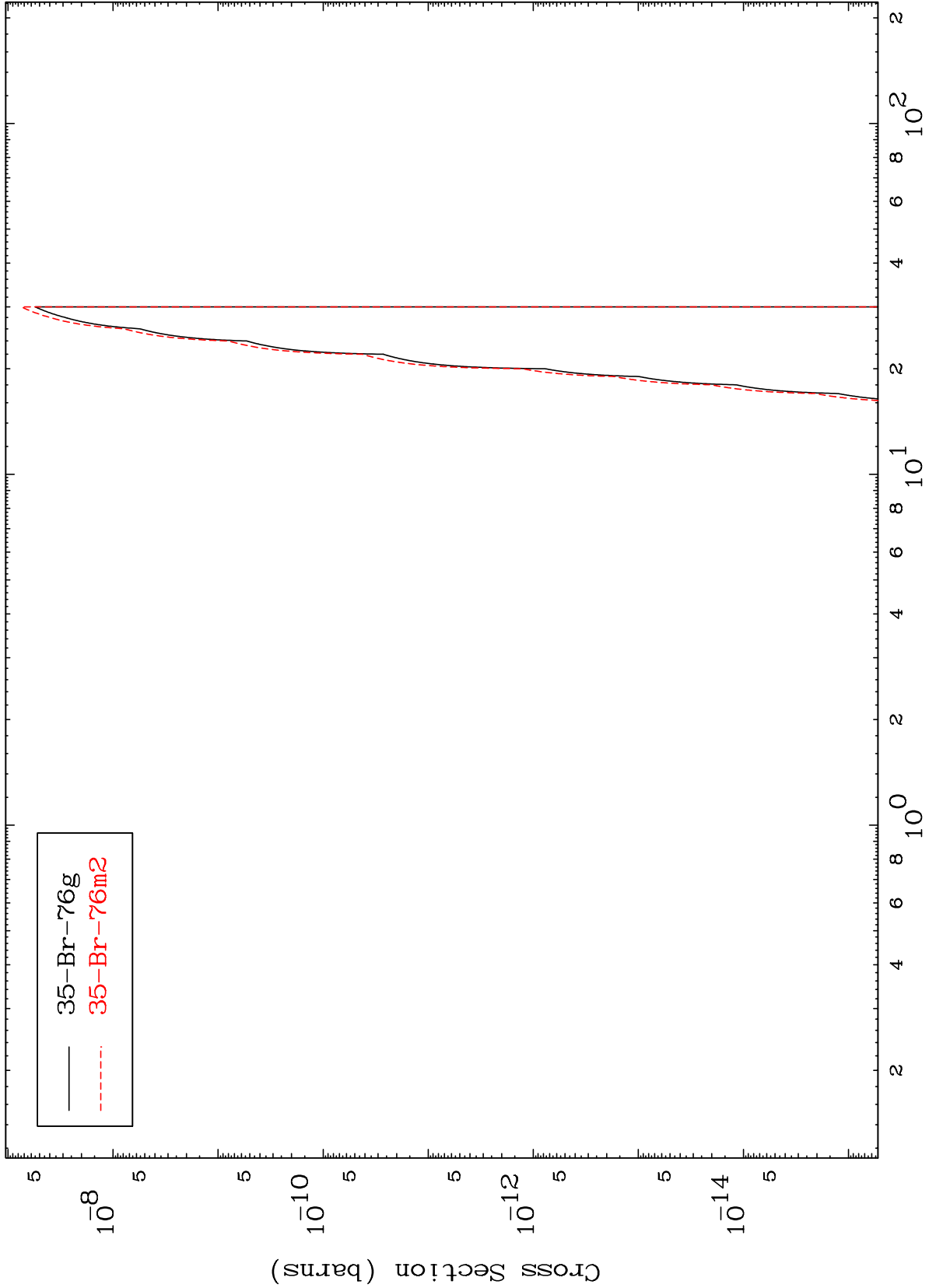


MAT 4010

(t, 3 $\alpha$ )

40-Zr-85

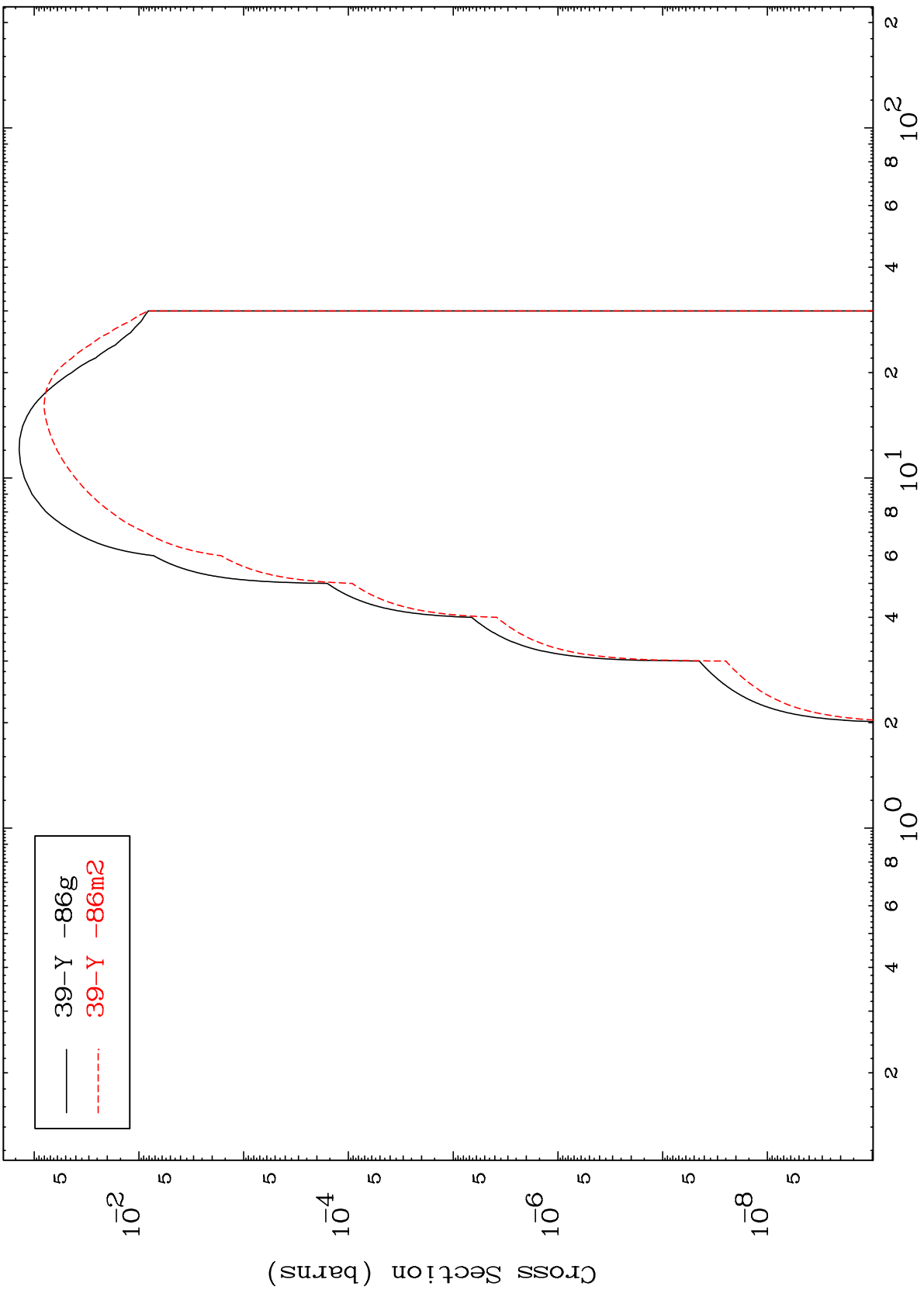
Radionuclide Production Cross Section



MAT 4010

40-Zr-85

Radionuclide Production Cross Section  
(t,2p)



— 39-Y -86g  
- - - 39-Y -86m2

Incident Energy (MeV)

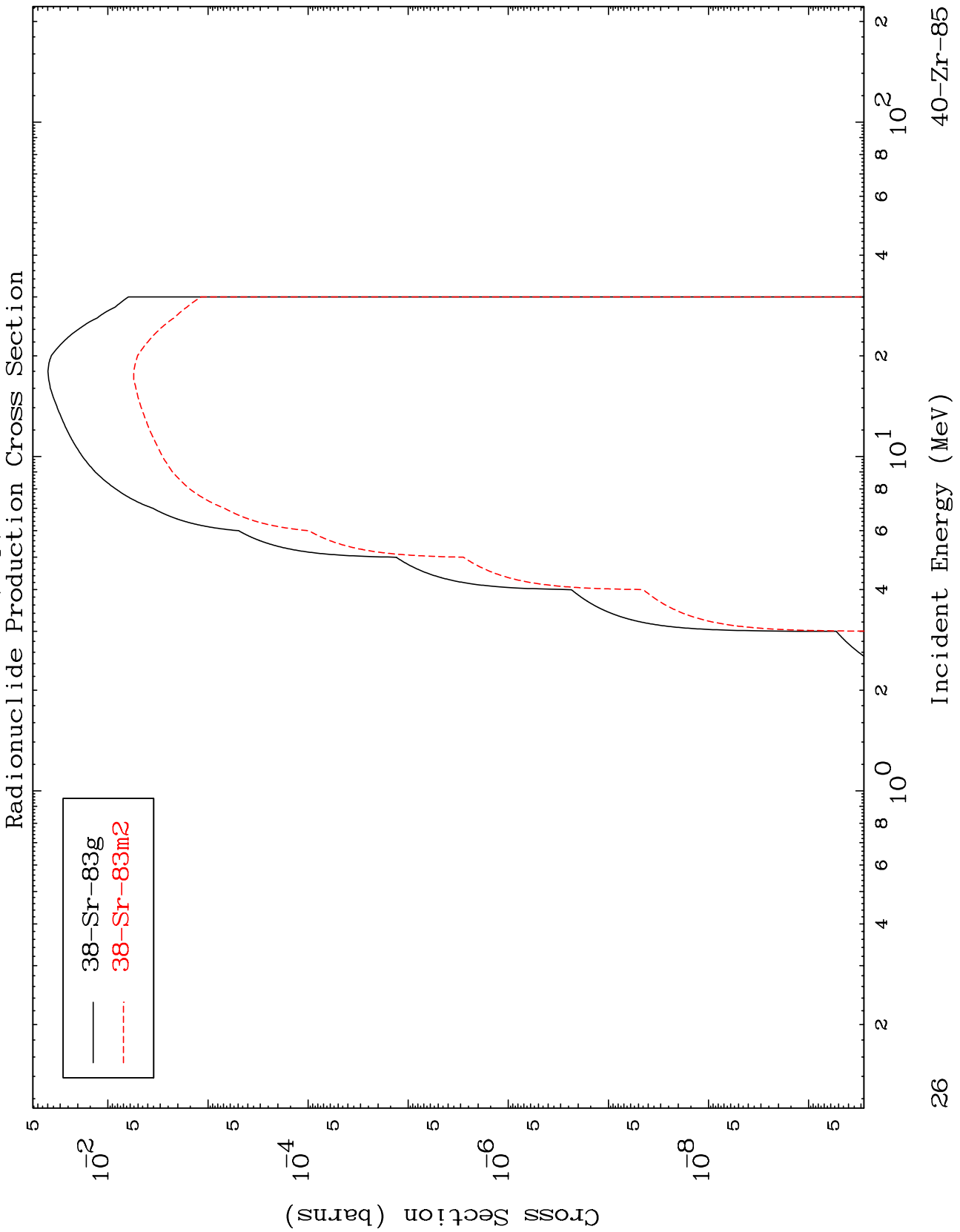
40-Zr-85

25

MAT 4010

(t,p)  $\alpha$

40-Zr-85

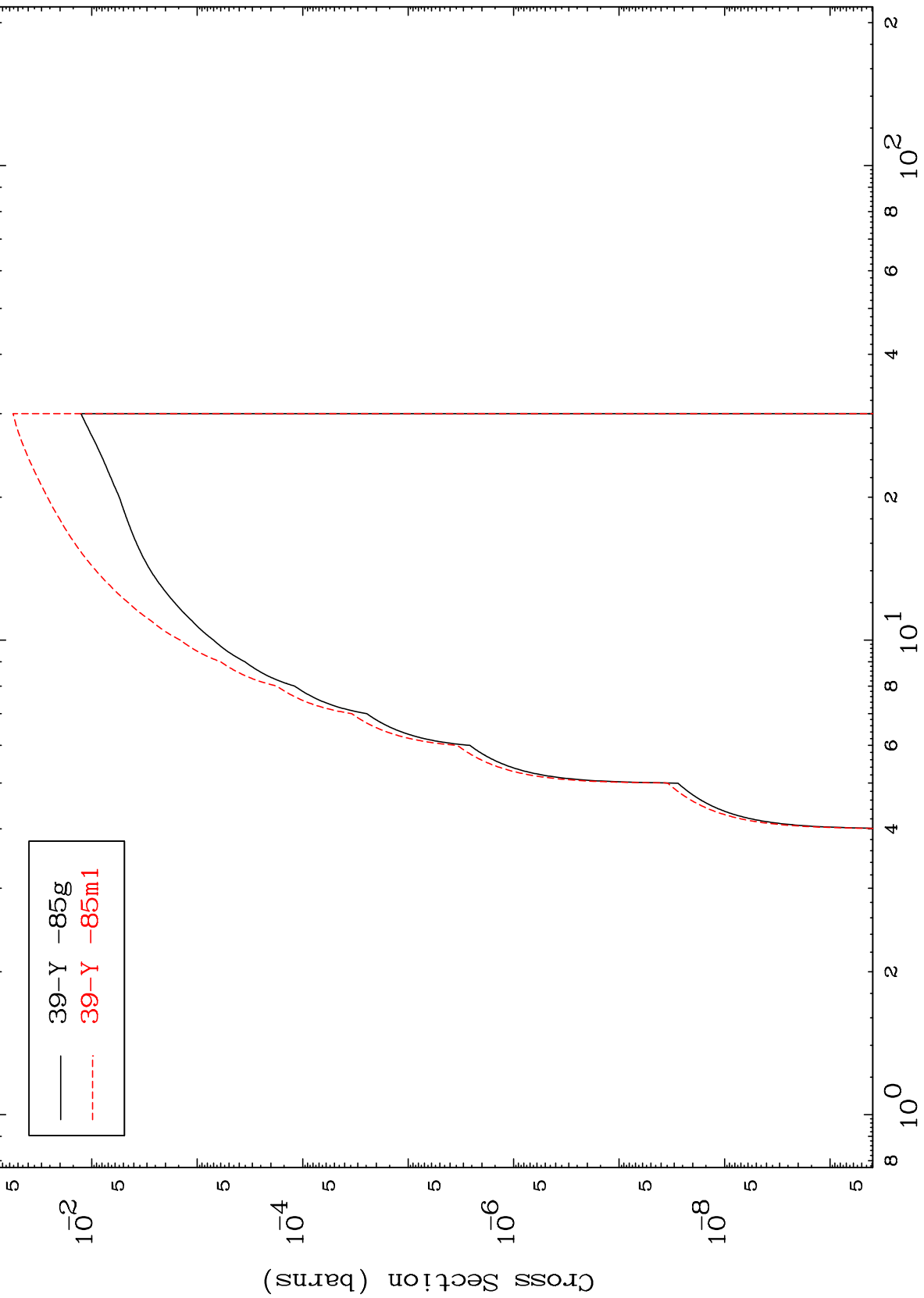


MAT 4010

(t,p) d

40-Zr-85

Radionuclide Production Cross Section



27

Incident Energy (MeV)

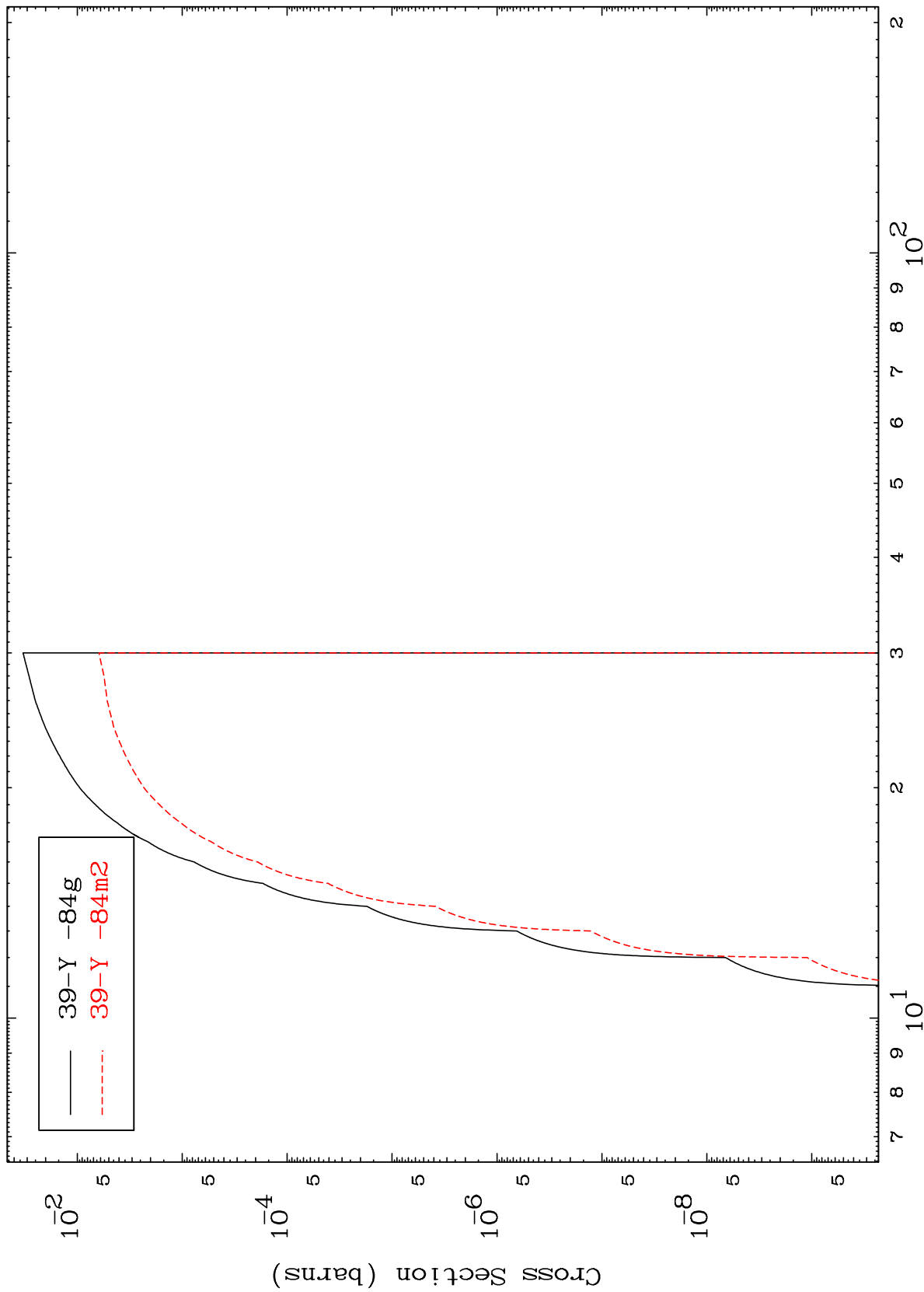
40-Zr-85

MAT 4010

(t,p) t

40-Zr-85

Radionuclide Production Cross Section



28

Incident Energy (MeV)

40-Zr-85